

(12) UK Patent Application (19) GB (11) 2 121 383 A

(21) Application No 8223087

(22) Date of filing 11 Aug 1982

(30) Priority data

(31) 8216817

(32) 10 Jun 1982

(33) United Kingdom (GB)

(43) Application published  
21 Dec 1983

(51) INT CL<sup>3</sup>

B65D 5/38

(52) Domestic classification

B8P K12

U18 1274 B8P

(56) Documents cited

GB 1603429

GB 1128903

GB 0224277

(58) Field of search

B8P

(71) Applicant

Joanne Simpson Maxwell,

Thatched Cottage,

Millway Lane,

Palgrave,

Nr. Diss,

Norfolk,

IP22 1SN

(72) Inventor

Joanne Simpson Maxwell

(74) Agent and/or address for  
service

Joanne Simpson Maxwell,

Thatched Cottage,

Millway Lane,

Palgrave,

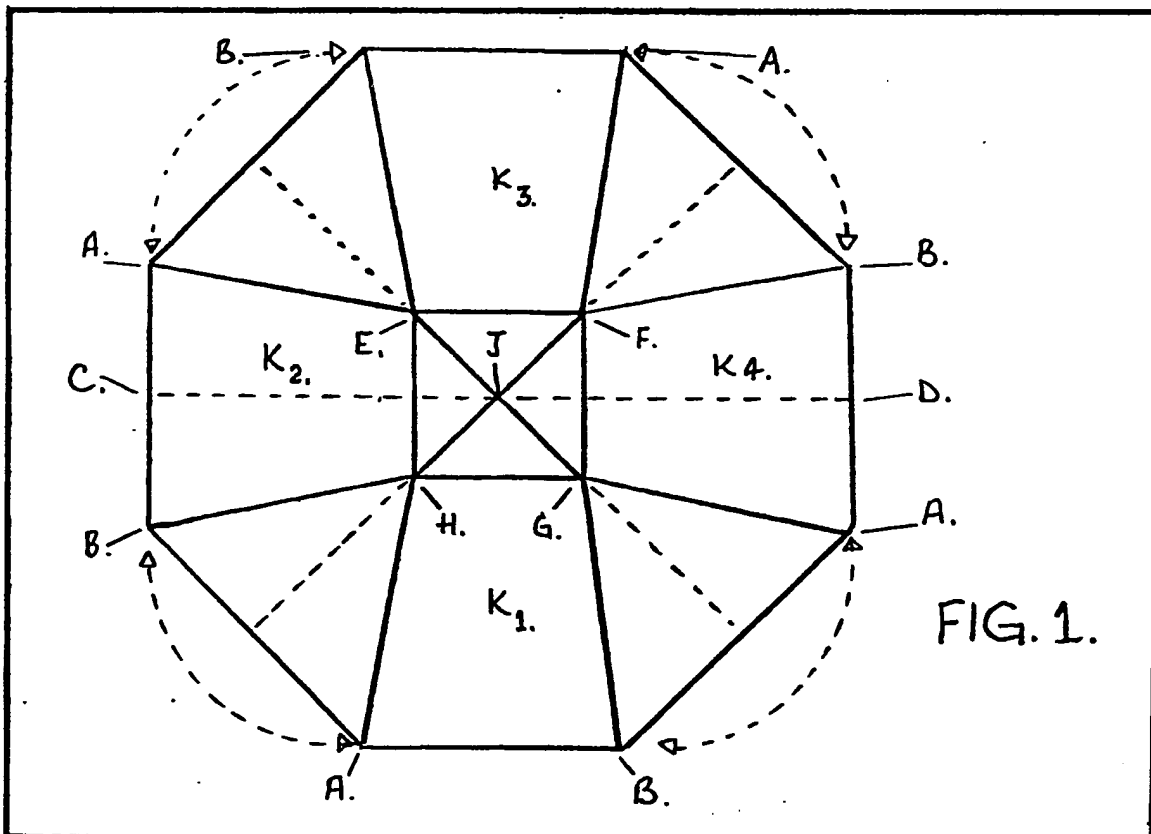
Nr. Diss,

Norfolk,

IP22 1SN

(54) Flat-folding plant pot holder

(57) A flat-folding, waterproof plant pot holder is made of synthetic paper, plastic- or wax-coated paper or cardboard, or stiff pliable plastic. Adjacent sides  $K_1$ — $K_4$  are joined by gussets A—B, and fold lines in a square base and in two of the sides  $K_2$ ,  $K_4$  allow the erected holder to be flattened with the sides  $K_2$ ,  $K_4$  bent double between the remaining sides  $K_1$ ,  $K_3$ .



GB 2 121 383 A

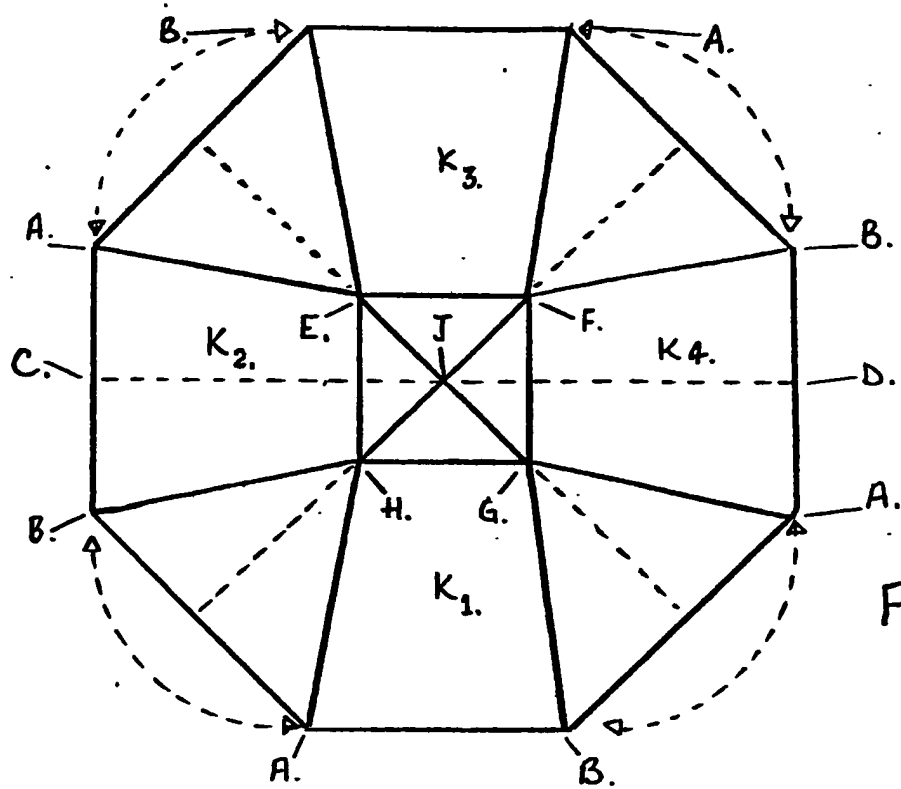


FIG. 1.

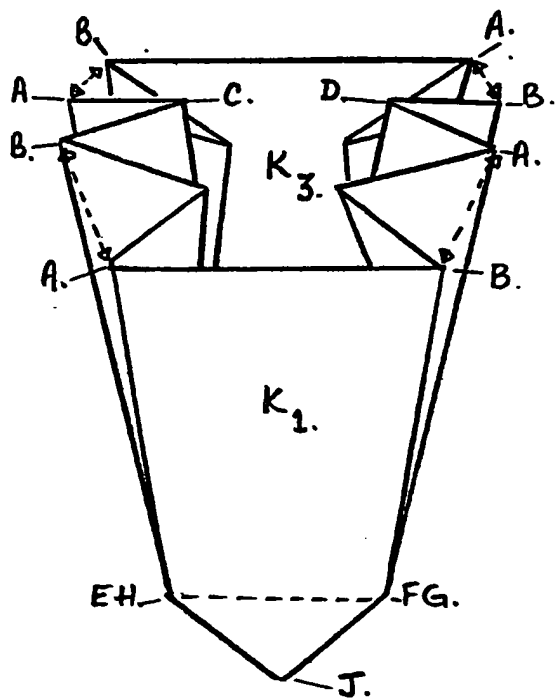


FIG. 2.

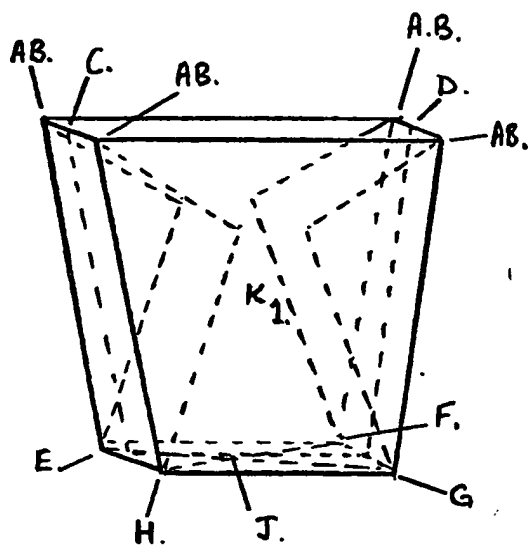


FIG. 3.

**SPECIFICATION****Folding waterproof plant pot holder****Description**

5 This invention relates to the manufacture of a paper, board, plastic or synthetic paper container.

**Object**

10 It is the object of this invention to provide a lightweight, flexible, foldable and waterproof plant-pot container for collecting water drainage, as an alternative to containers normally manufactured from ceramics, plastic, earthenware china clay and other rigid products.

**Composition and intention**

15 The invention consists of either stiff but pliable plastic or synthetic paper with one side printed, patterned, plain or coloured, or stiff but pliable paper or board with one side plastic or wax-coated, the other side printed, patterned, plain or coloured. The intention is to present a potted  
20 plant in a decorative waterproof container which is economical to manufacture, easy to store in large quantities using the minimum of space and sufficiently lightweight to facilitate economic despatch and distribution.

**25 Method of construction**

The method of construction is commenced by cutting an octagonal pattern from the material as shown in Fig. 1. Outer edge points A and B are drawn together to form four gussets down to the  
30 base corners E, F, G and H. These gussets are then bonded together bringing the sides  $K_1$ ,  $K_2$ ,  $K_3$ , and  $K_4$  together with edges adjacent in an upright position (Fig. 2). To form the flat base, upward

pressure is applied to the base point J and  
35 outward pressure to folds C and D (Fig. 3).

**Method of use**

40 When fully expanded the resultant container holds the plant-pot preventing water drainage from leaking out onto the surface on which it is placed.

**Use**

45 This invention is of use in horticulture and in the general retail trades, particularly garden centres, florists, plant distributors, stationers and gift shops, for both promotional and advertising purposes as well as for selling to the general public.

**Claims (Filed on 6th June 1983)**

50 1. In the manufacture of plant pot containers of the kind herein set forth, producing a container which folds flat by means of a series of symmetrical folds in a single octagonal sheet of material, said folds radiating through and from a central square area which forms the base of the container.

55 2. In the manufacture of plant pot containers as claimed in Claim 1, maintaining a waterproof interior surface with said material without recourse to fastenings or joins.

60 3. A method of producing a plant pot container consisting of forming a body according to any of the preceding claims by cutting a single octagonal shaped blank from sheet material, folding outwards from the central square base in radials to form a larger square-topped edge.

65 4. A plant pot container constructed according to any of the preceding claims.